

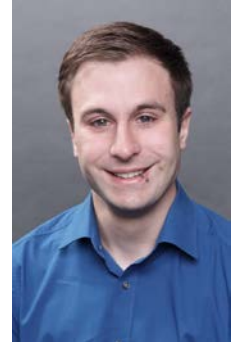


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Title PhD Project:

Regulation of *Candida albicans* virulence traits by protein kinases

Main Research Interests

- Study the functions of all *C. albicans* protein kinases and their roles in pathogen-host interactions
- Study the role of protein kinases in responses to host-relevant alternative carbon sources

Methodological Experiences

- Biofilm formation
- Alkalinization experiments
- real-time quantitative PCR

Curriculum Vitae

- since 2017: PhD student at HKI Jena, Junior Research Group: Host-Fungal Interfaces
- 2013 – 2017: Master of Science in Biology, Major in Life Sciences; Heinrich-Heine-University Düsseldorf; Master Thesis at Institute Molecular Mycology, supervisor: Prof. Dr. Joachim Ernst
- 2009 – 2013: Bachelor of Science in Biology; Heinrich-Heine-University Düsseldorf; Bachelor Thesis at Institute Molecular Mycology, supervisor: Prof. Dr. Joachim Ernst
- June 2012 – June 2014 and May 2017 – July 2017: Temporary employee at Dr. med. H. Knechten, specialist for internal medicine and infectiology; Aachen



Publications

- van Wijlick, L., Swidergall, M., Brandt, P., Ernst, J. F. (2016) *Candida albicans* responds to glycostructure damage by Ace2-mediated feedback regulation of Cek1 signaling. *Molecular Microbiology*, 102(5), 827-849